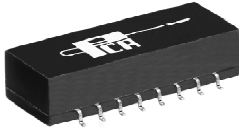


10/100Base-TX Voice Over IP Interface Module

EPF8235G



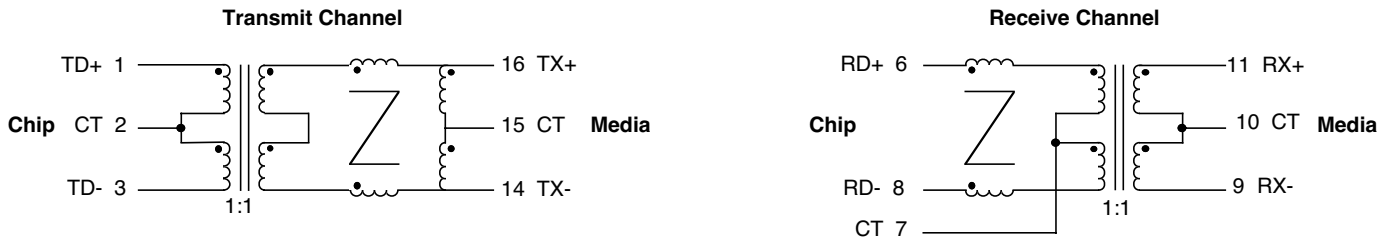
- Designed for IP Phone Applications
- Guaranteed to operate with 8 mA DC Bias at 70°C
- Designed to meet 350 mA Balanced DC Line Current
- Complies with IEEE802.3u and ANSI X3.263 Standards

Electrical Parameters @ 25° C

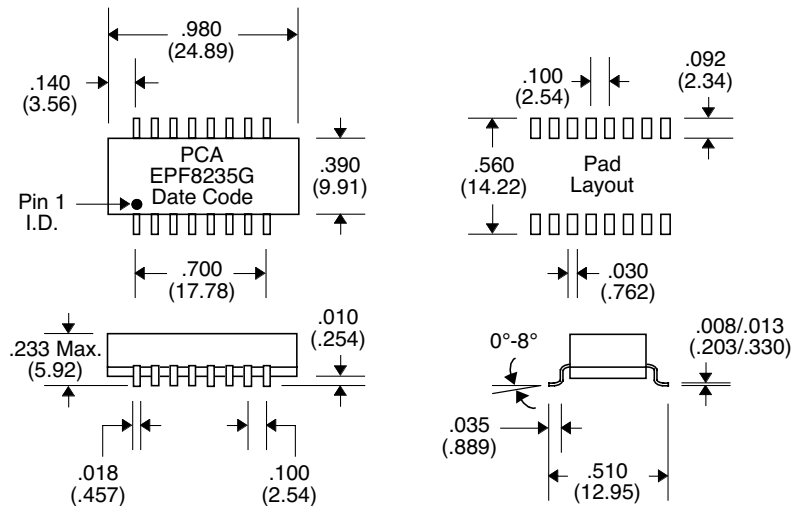
OCL @ 70°C	Insertion Loss (dB Max.)			Return Loss (dB Min.)			Common Mode Rejection (dB Min.)			Crosstalk* (dB Min.)	
	1-80 MHz	80-100 MHz	100-150 MHz	1-30 MHz	30-60 MHz	60-100 MHz	1-30 MHz	30-100 MHz	100-500 MHz	5-10 MHz	10-100 MHz
100 KHz, 0.1 Vrms 8 mA DC Bias											
Cable Side	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv		
350 μ H	-1/-1	-2/-2	-3.5/-3	-18/-18	-12/-12	-10/-10	-40/-40	-30-30	-10/-10	-35	-35

• Isolation : 1500 Vrms • Impedance : 100 Ω • Rise Time : 3.0 nS Max. • Crosstalk : Between Channels •

Schematic



Package



Unless Otherwise Specified Dimensions are in Inches /mm $\pm .010 / .25$